

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-197384

(43)Date of publication of application : 06.08.1996

(51)Int.Cl.

B23Q 17/22
B23Q 15/013
G05B 19/404

(21)Application number : 07-031735

(71)Applicant : OKUMA MACH WORKS LTD

(22)Date of filing : 27.01.1995

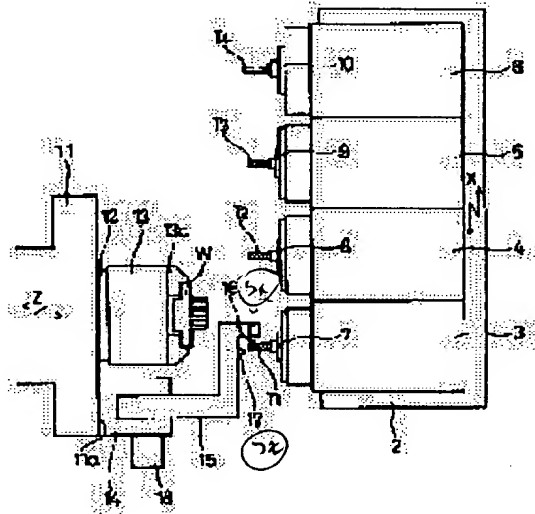
(72)Inventor : KATO KAZUHIKO

(54) TIP POSITION CORRECTION DEVICE OF ROTATING TOOL

(57)Abstract:

PURPOSE: To make a cut and machined surface precise by carrying out automatic correction by detecting a knife edge position including deflection of a rotating tool.

CONSTITUTION: A measuring arm 15 having an X-axis sensor 16 and a Z-axis sensor 17 on a work spindle stock is provided on a stand-by position and a measuring position free to divide on a machine tool placing spindle heads 3-5 having end mills T1-T3 and a spindle head 6 having a bar grinding stone T4 in parallel on an upper trestle 2 free to move in the X axial direction and having a spindle 12 for a work axially supported on the work spindle stock 11 free to move in the Z axial direction free to revolve and divide. Respective correction values are found by detecting a knife edge position including deflection of the end mills T1-T3 by the X-axis sensor 16, and respective Z-axis correction values are found by the Z-axis sensor 17 in the same way and memorized, and at the time of machining, correction is carried out against a program command value.



LEGAL STATUS

[Date of request for examination]

24.02.1999

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]